

Fig. 1 (Prior Art)

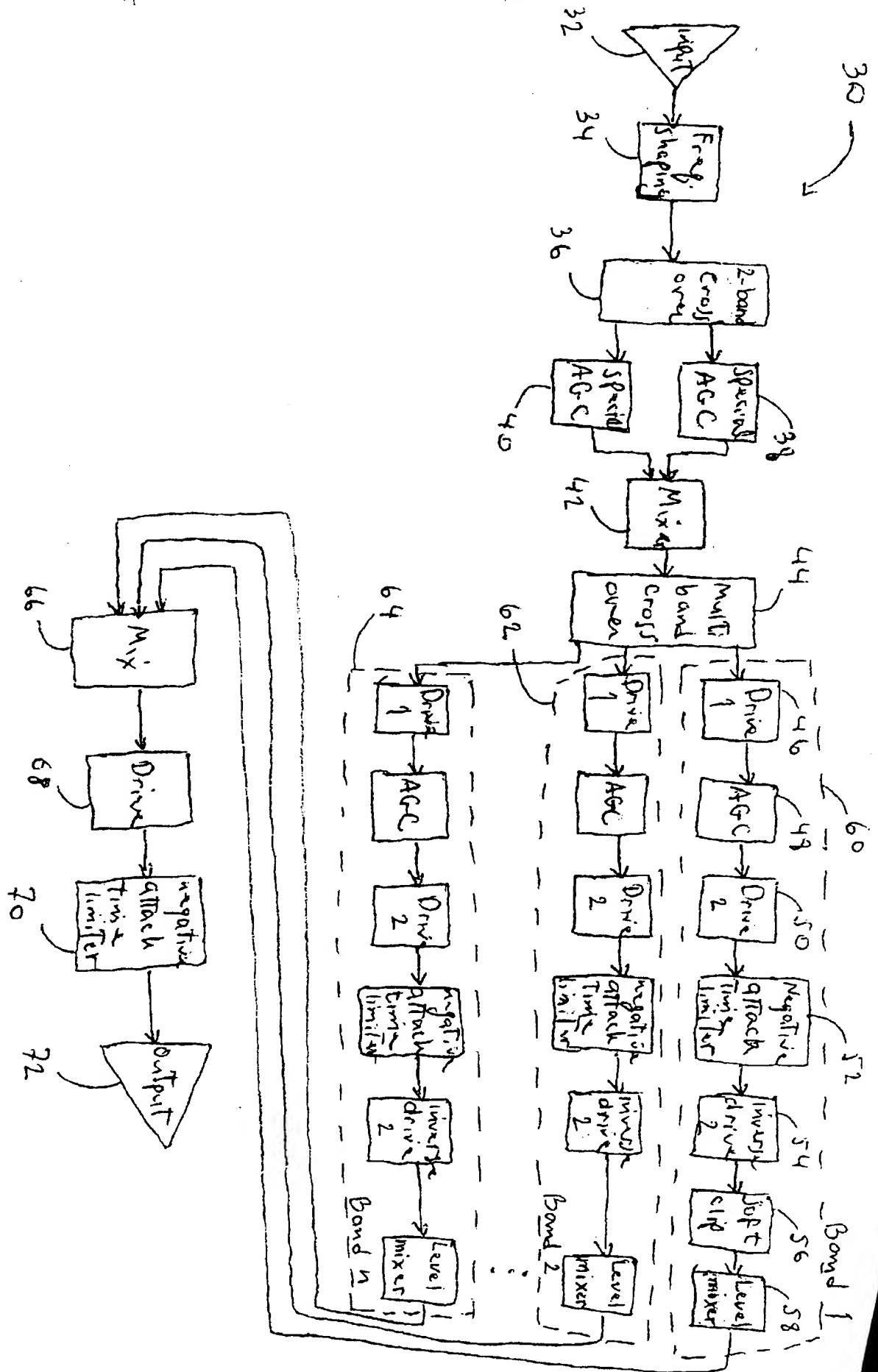


Fig. 2

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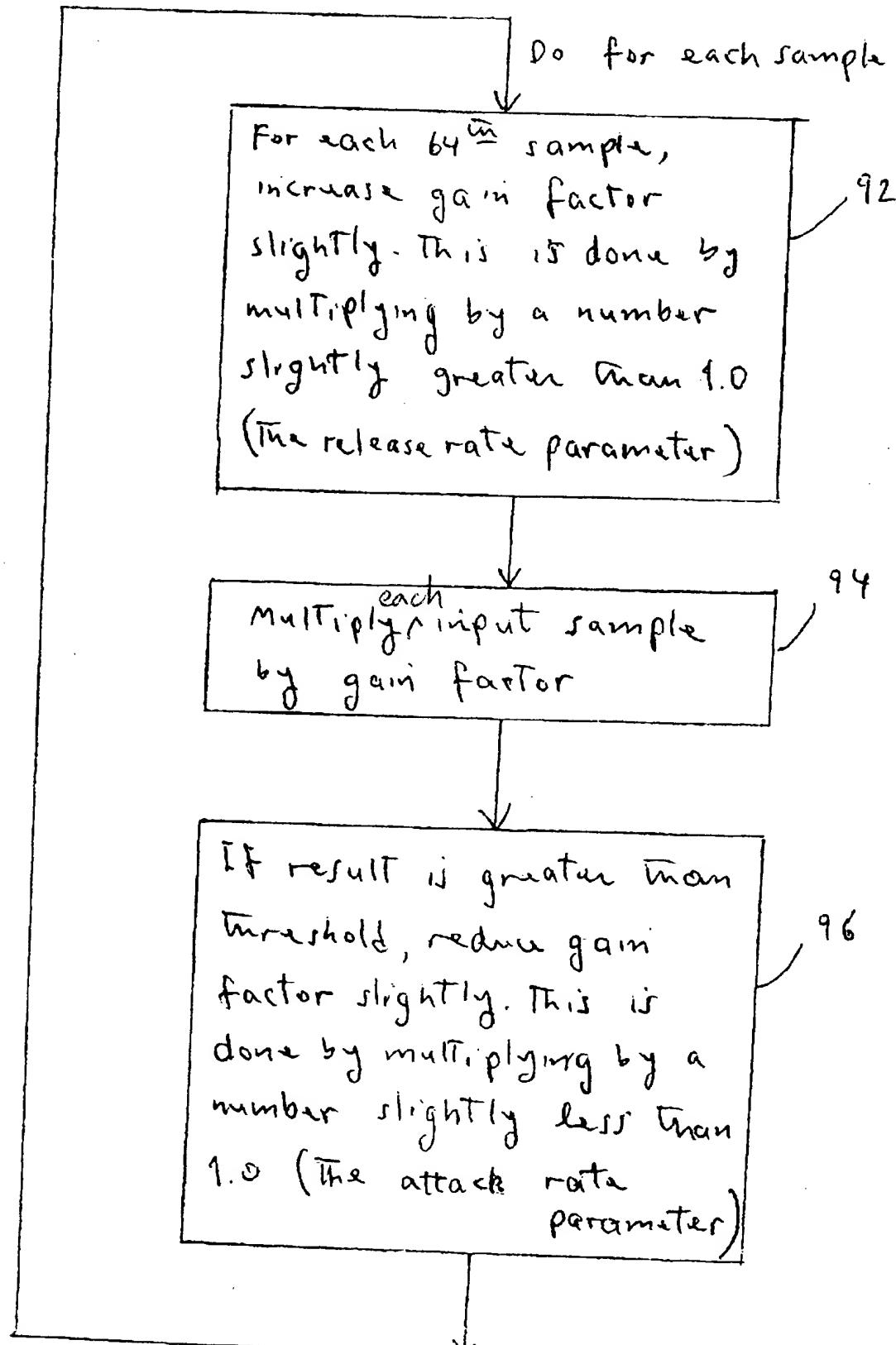
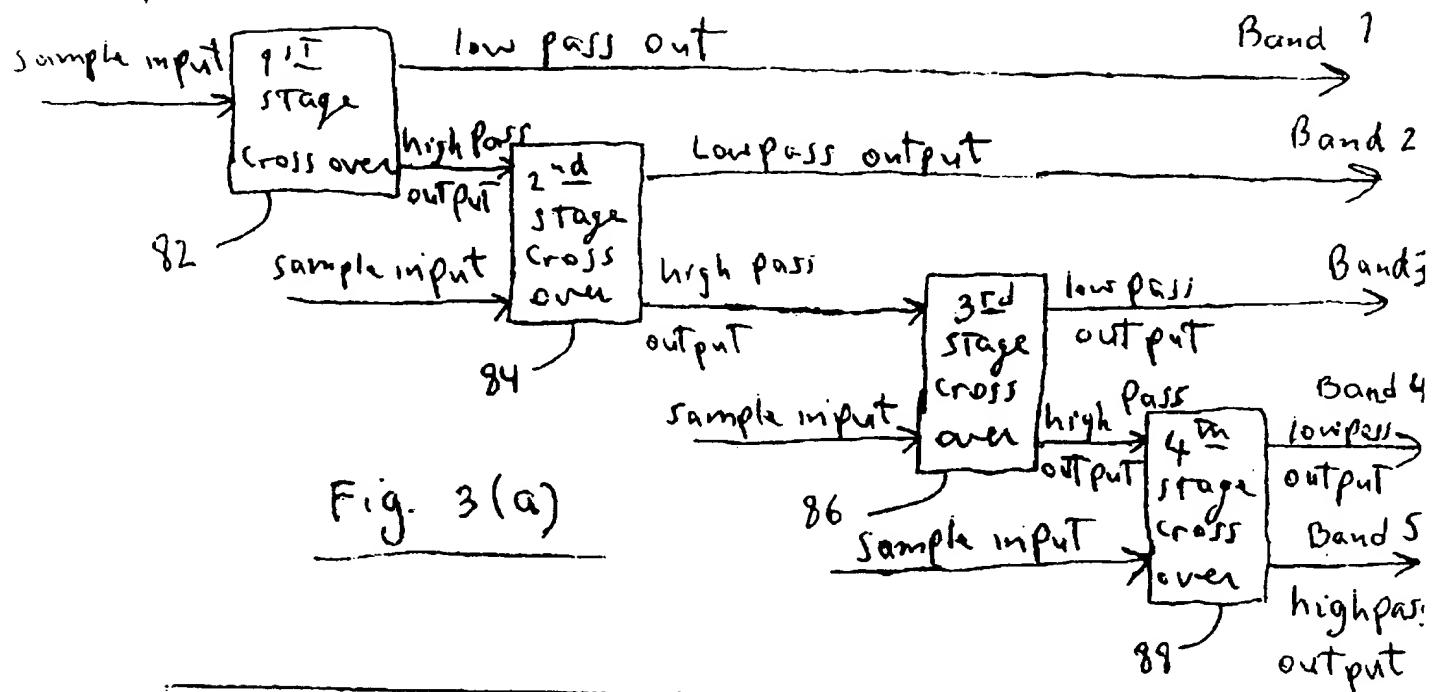
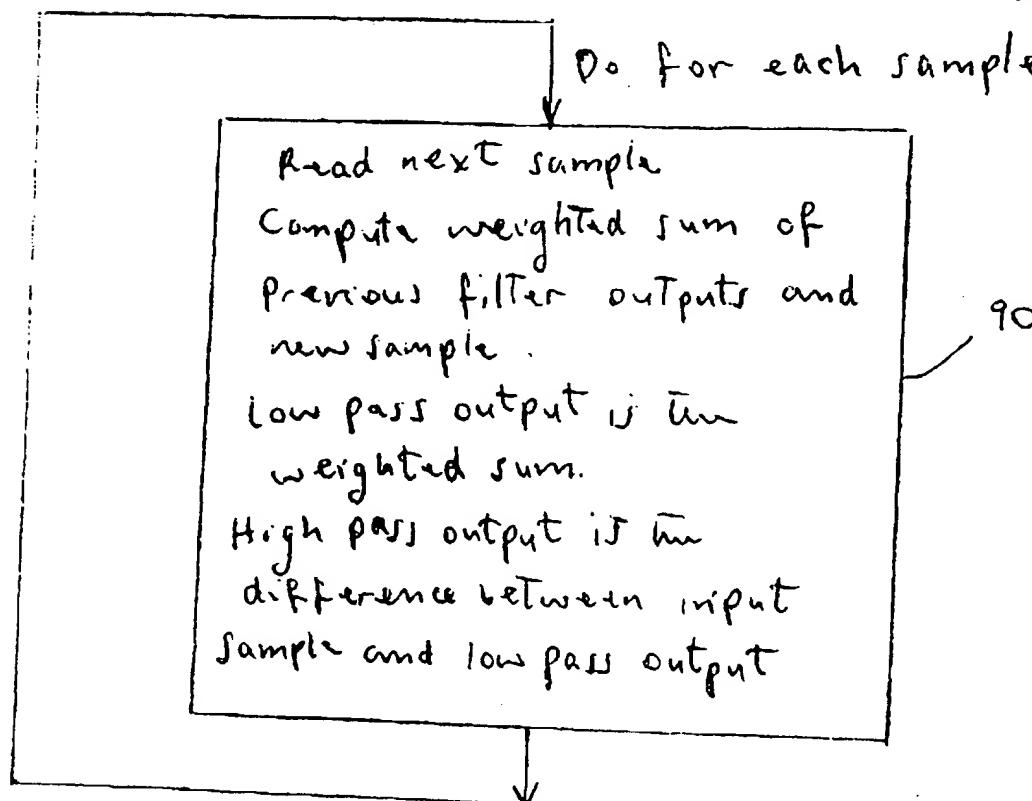


Fig. 4

Fig. 3(a)Fig 3(b)

100

Do for each sample

For each  $64^{\text{th}}$  sample  
Increase gain factor  
slightly. This is done by  
multiplying by a number  
slightly greater than 1.0  
(the release rate parameter)

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Do trial multiplication:

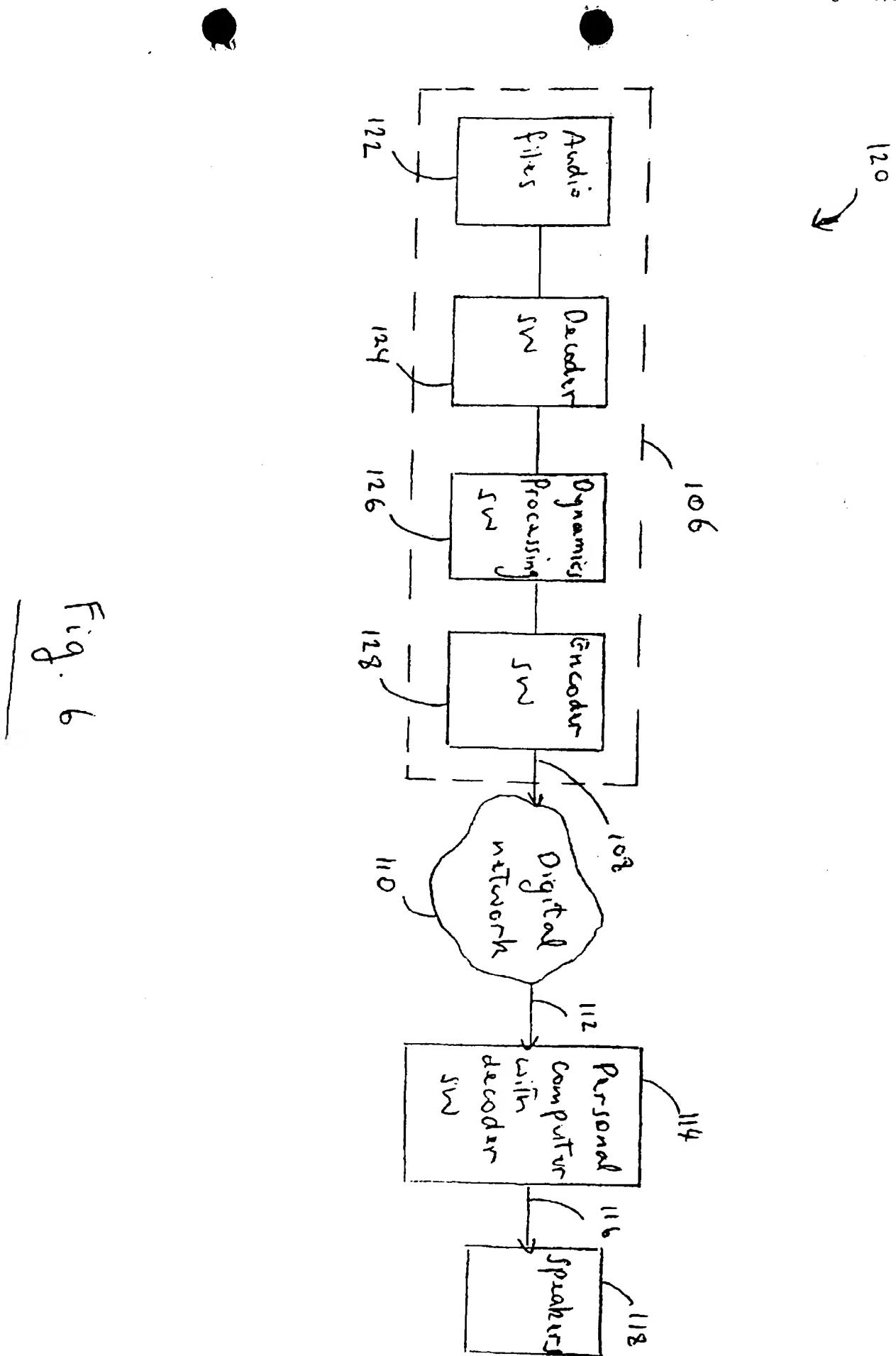
input sample times gain  
factor

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If trial result is greater  
than threshold, reduce gain  
factor slightly. This is done  
by multiplying by a number  
slightly less than 1.0  
(the attack rate parameter)  
Apply nonlinear function to  
gain factor.

Final output is result of  
multiplying input sample by  
modified gain factor.

Fig. 5



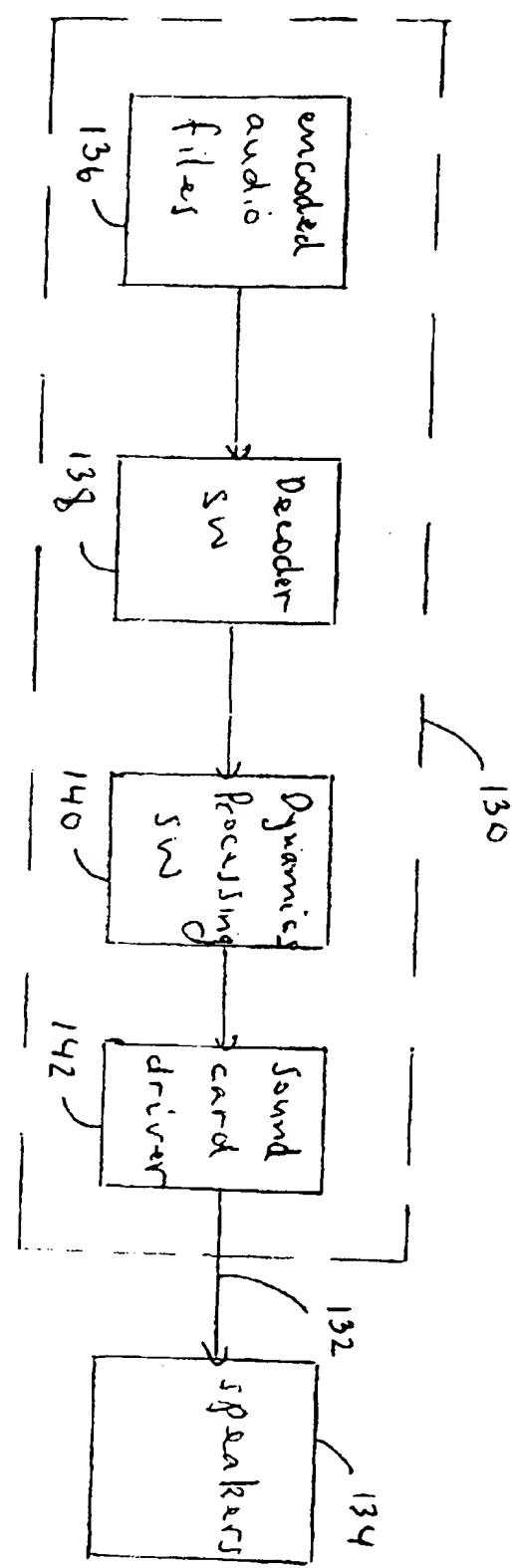


Fig. 7

Fig. 8

